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CLAIMS

What is claimed is:



- 1. A power tool leveling device, comprising:
 - a housing, a cavity in said housing;

a rotating member in said housing, said rotating member moving in said cavity such that said rotating member seeks an equilibrium position which corresponds to a level position;

at least one member associated with said rotating member for enabling passage of a beam through said rotating member;

an electrical circuit including an emitting device, a receiving device, and an indicator device electrically coupled such that upon activation, said emitting device emits a beam which passes through said at least one member, said beam received by said receiving device which, in turn, activates said indicator device indicating to a user that said leveling device is in or near an equilibrium position; and

a power source coupled with said electrical circuit for energizing said electrical circuit.

2. The leveling device according to Claim 1, wherein said electrical circuit further including a device for varying current to said indicator device such that as the beam intensity at the receiver device increases, the indicator device increases in intensity.

- 3. The leveling device according to Claim 2, wherein said device for varying current being a PNP transistor.
- 4. The leveling device according to Claim 2, wherein said indicator being a light emitting device.
- 5. The leveling device according to Claim 4, wherein the light emitting device has a variable intensity from off to full on, when full on the leveling device being in a level position.
- 6. The leveling device according to Claim 1, wherein said at least one member in said rotating member being an aperture.
- 7. The leveling device according to Claim 6, wherein a lens positioned in said aperture for refracting said beam.
- by 8. The leveling device according to Claim 6, wherein a lens being positioned between said rotating member and said receiving device for refracting said beam.
 - 9. The leveling device according to Claim 6, wherein said at least one aperture being an elongated slot.

- The leveling device according to Claim 1, wherein said at least one member being an optic fiber for refracting said beam.
- 11. The leveling device according to Claim 1, further comprising a switch for activating and deactivating said electrical circuit.

12. A power tool, comprising:

a housing;

a motor within said housing;

an output coupled with said motor;

an activation member for energizing said motor for rotating said output;

a power source electrically coupled with said motor and said activation member; and

a leveling mechanism comprising:

a housing, a cavity in said housing;

a rotating member in said housing, said rotating member moving in said cavity such that said rotating member seeks an equilibrium position which corresponds to a level position;

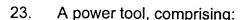
at least one member associated with said rotating member for enabling passage of a beam through said rotating member;

an electrical circuit including an emitting device, a receiving device, and an indicator device electrically coupled such that upon activation, said emitting device emits a beam which passes through said at least one member, said beam received by said receiving device which, in turn, activates said indicator device indicating to a user that said leveling device is in or near an equilibrium position; and

a power source coupled with said electrical circuit for energizing said electrical circuit.

- 13. The power tool according to Claim 12, wherein said electrical circuit further including a device for varying current to said indicator device such that as the beam intensity at the receiver device increases, the indicator device increases in intensity.
- 14. The power tool according to Claim 13, wherein said device for varying current being a PNP transistor.
- 15. The power tool according to Claim 13, wherein said indicator being a light emitting device.
- 16. The power tool according to Claim 15, wherein the light emitting device has a variable intensity from off to full on, when full on the leveling device being in a level position.
- 17. The power tool according to Claim 12, wherein said at least one member in said rotating member being an aperture.
- 18. The power tool according to Claim 17, wherein a lens positioned in said aperture for refracting said beam.

- b 19. The power tool according to Claim 17, wherein a lens being positioned between said rotating member and said receiving device for refracting said beam.
 - 20. The power tool according to Claim 17, wherein said at least one aperture being an elongated slot.
- The power tool according to Claim 12, wherein said at least one member being an optic fiber for refracting said beam.
 - 22. The power tool according to Claim 12, further comprising a switch for activating and deactivating said electrical circuit.



- a housing;
- a motor within said housing;
- an output coupled with said motor;
- an activation member for energizing said motor for rotating said output;
- a power source electrically coupled with said motor and said activation member; and
 - a leveling mechanism comprising:
 - a housing, a cavity in said housing;
- a rotating member in said housing, said rotating member moving in said cavity such that said rotating member seeks an equilibrium position which corresponds to a level position;
- at least one member associated with said rotating member for enabling passage of light through said rotating member;
- an electrical circuit including an emitting device, a receiving device, and an indicator device electrically coupled such that upon activation, said emitting device emits a beam which passes through said at least one member, said beam received by said receiving device which, in turn, activates said indicator device indicating to a user that said leveling device is in or near an equilibrium position; and
- a power source coupled with said electrical circuit for energizing said electrical circuit;

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wherein said indicator device being positioned on said housing such that a user may view said indicator device from all sides of said housing when said power tool is in use.

- 24. The power tool according to Claim 23, wherein said indicator device varying in intensity.
- 25. The power tool according to Claim 23, wherein said indicator being a light emitting device.
- 26. The power tool according to Claim 25, wherein said light emitting device varying in brightness, being brightest when said power tool is in said level position.
- 27. The power tool according to Claim 23, wherein a switch is coupled with said activation member for activating said leveling device prior to activating said motor.

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